



2631

#6
10-2302Approved for use through 10/31/2002. OMB 0651-0031
U.S. Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE
Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

TRANSMITTAL FORM <i>(to be used for all correspondence after initial filing)</i>	Application Number	10/066,966
	Filing Date	2/4/2002
	First Named Inventor	Yuan et al.
	Group Art Unit	
	Examiner Name	
Total Number of Pages in This Submission	Attorney Docket Number	APR 15 2002

ENCLOSURES (check all that apply)

- ☐ Fee Transmittal Form
- ☐ Fee Attached
- ☐ Amendment / Reply
- ☐ After Final
- ☐ Affidavits/declaration(s)
- ☐ Extension of Time Request
- ☐ Express Abandonment Request
- ☐ Information Disclosure Statement
- ☐ Certified Copy of Priority Document(s)
- ☐ Response to Missing Parts/Incomplete Application
- ☐ Response to Missing Parts under 37 CFR 1.52 or 1.53

- ☐ Assignment Papers (for an Application)
- ☒ Drawing(s)
- ☐ Licensing-related Papers
- ☐ Petition
- ☐ Petition to Convert to a Provisional Application
- ☐ Power of Attorney, Revocation Change of Correspondence Address
- ☐ Terminal Disclaimer
- ☐ Request for Refund
- ☐ CD, Number of CD(s) _____

- ☐ After Allowance Communication to Group
- ☐ Appeal Communication to Board of Appeals and Interferences
- ☐ Appeal Communication to Group (Appeal Notice, Brief, Reply Brief)
- ☐ Proprietary Information
- ☐ Status Letter
- ☐ Other Enclosure(s) (please identify below):

Remarks

enclosed are formal drawings for the above-referenced application - 10 sheets

RECEIVED

OCT 18 2002

Technology Center 2600

SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT

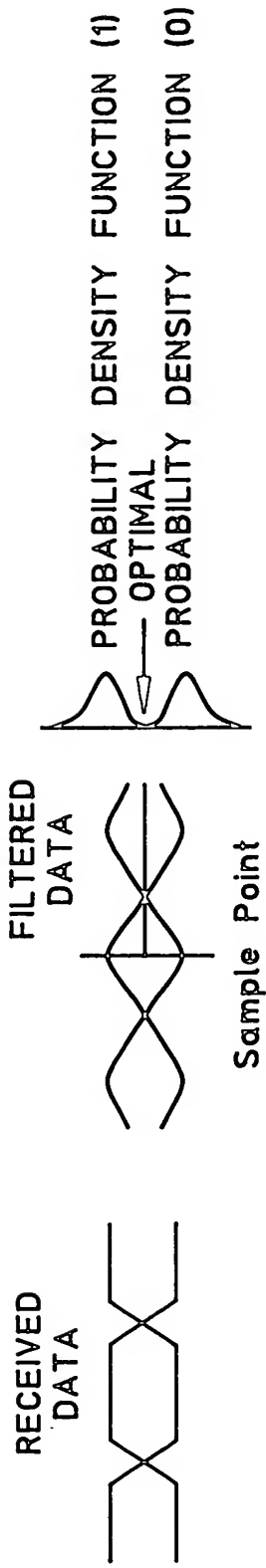
Firm or Individual name	Law Office of Gerald Maliszewski
Signature	
Date	10/7/02

CERTIFICATE OF MAILING

I hereby certify that this correspondence is being deposited with the United States Postal Service with sufficient postage as first class mail in an envelope addressed to: Commissioner for Patents, Washington, DC 20231 on this date: 10/8/02

Typed or printed name	Gerald Maliszewski
Signature	
Date	10/7/02

Burden Hour Statement: This form is estimated to take 0.2 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Washington, DC 20231.



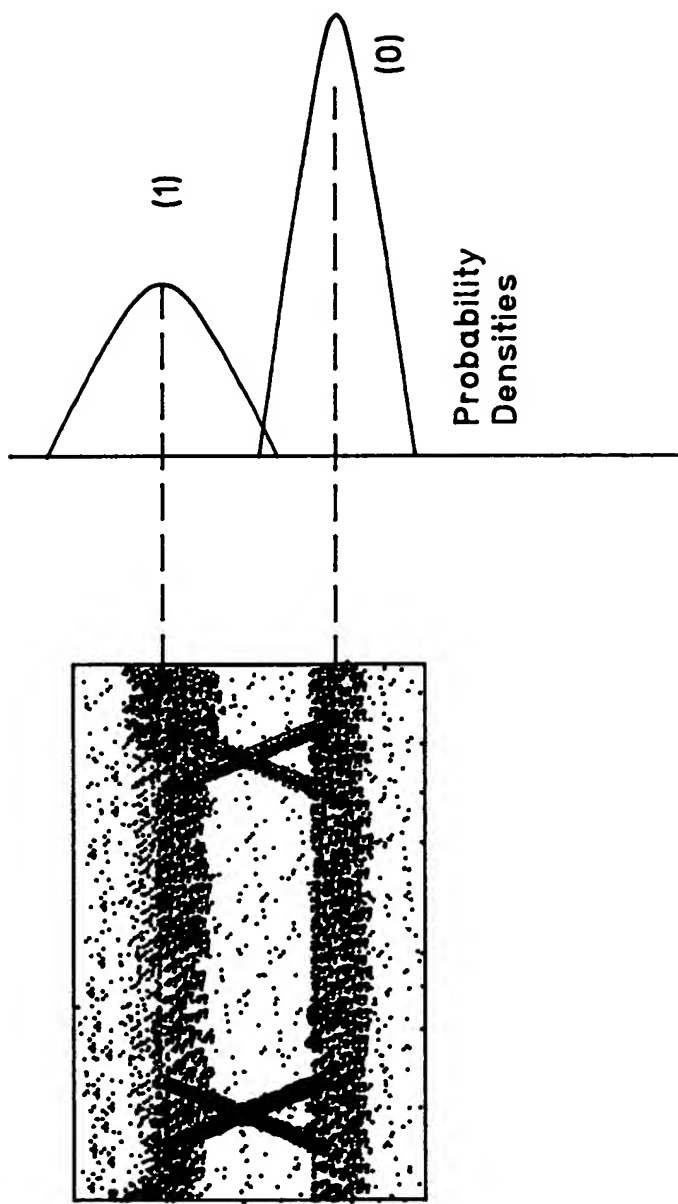


FIG. 3 (PRIOR ART)



100

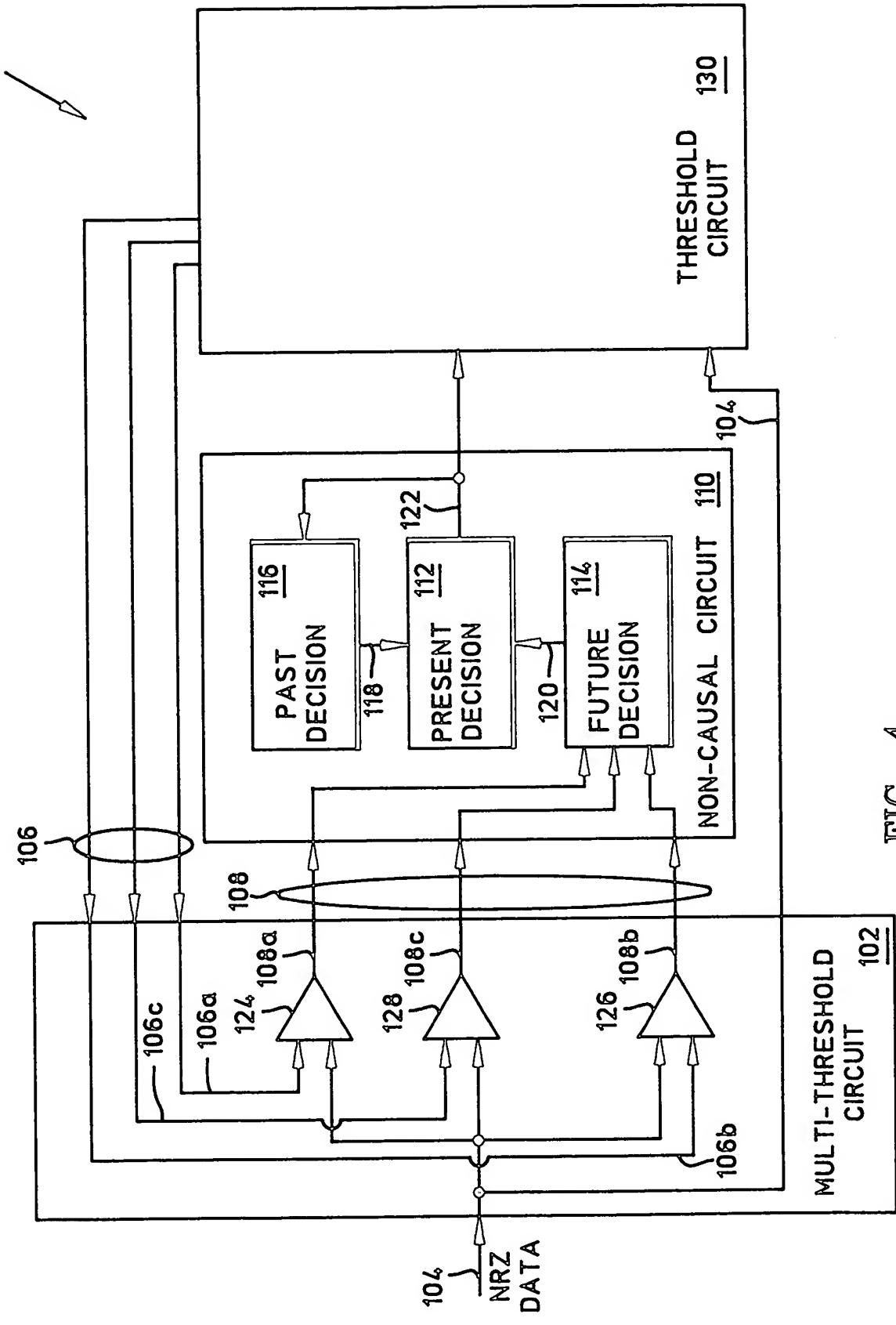


FIG. 4



NRZ DATA STREAM
INPUTS

V1	DEFINITE "1"
Vopt	"0" IF BOTH 2nd AND 3rd BIT VALUE DECISIONS ARE "1"
	"1" IF ONLY ONE OF THE 2nd AND 3rd BIT VALUE DECISIONS IS A "1"
	"1" IF BOTH 2nd AND 3rd BIT VALUES ARE "0"
	"1" IF BOTH 2nd AND 3rd BIT VALUE DECISIONS ARE "0"
V0	"0" IF ONLY ONE OF THE 2nd AND 3rd BIT VALUE DECISIONS IS A "0"
	"0" IF BOTH 2nd AND 3rd BIT VALUES ARE "1"
	DEFINITE "0"

FIG. 5

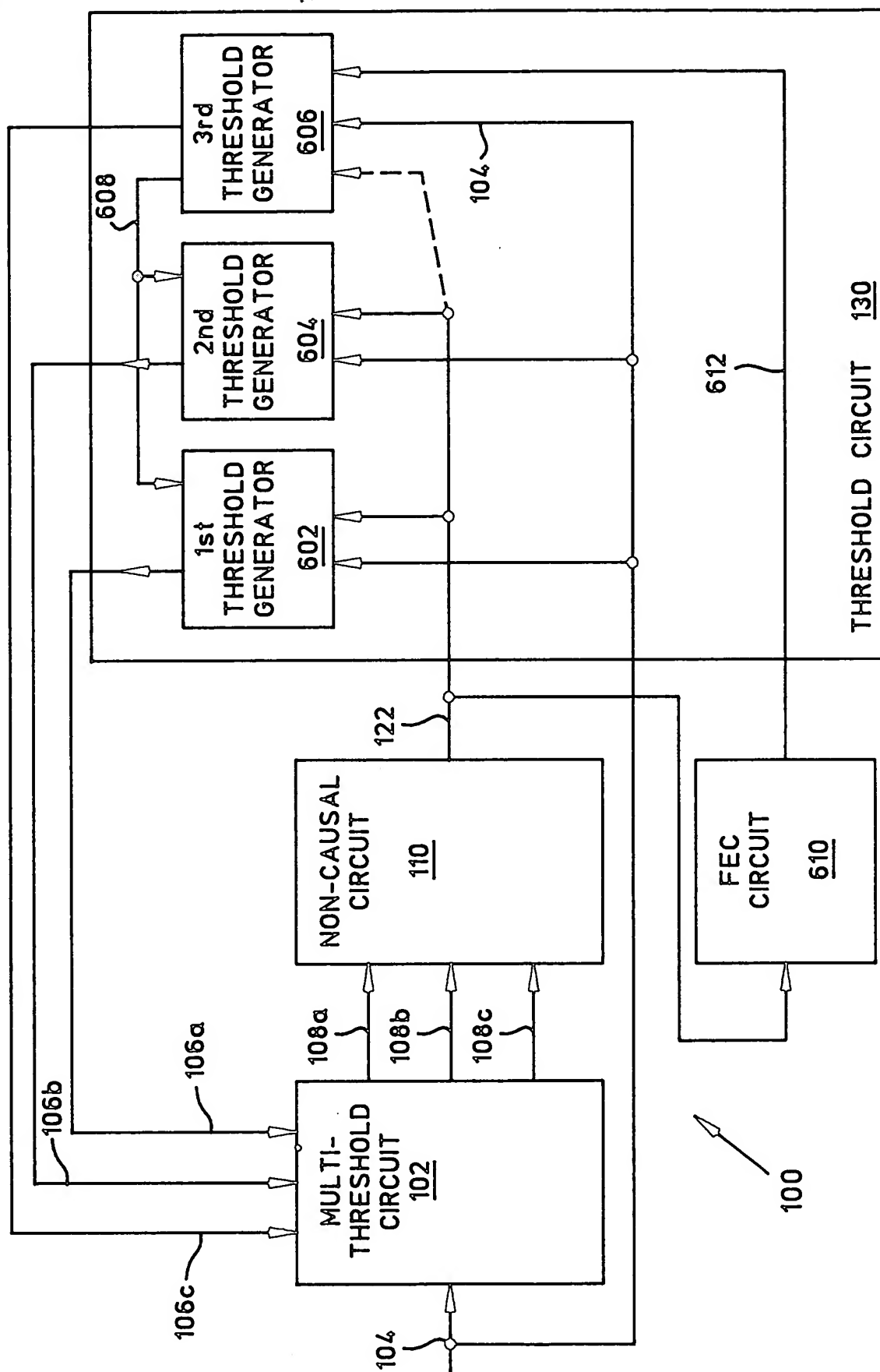


FIG. 6

110

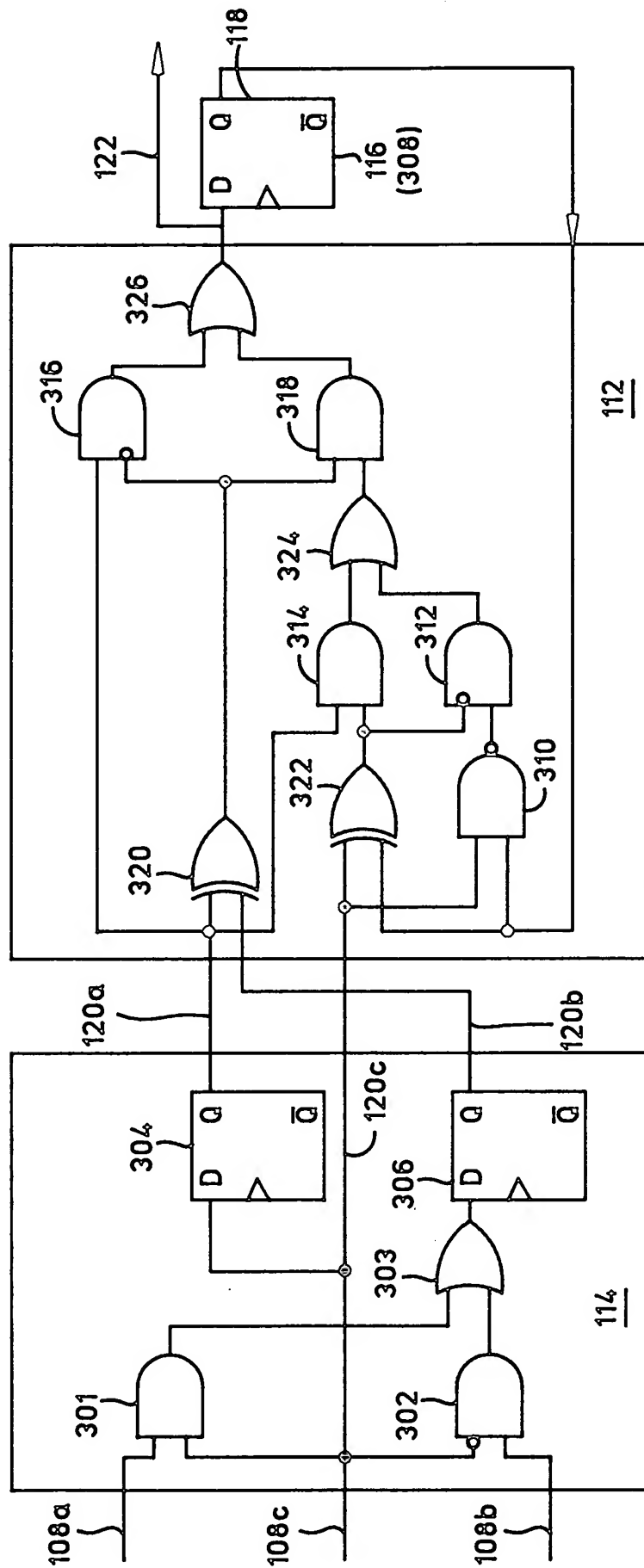


FIG. 7a



FIRST BIT		ESTIMATE		2nd BIT	3rd BIT	1st BIT
line	120a	120b	VALUE	VALUE	VALUE	VALUE
0	0	0	0	0	0	0
0	0	0	0	0	1	0
0	0	0	1	1	0	0
0	0	0	1	1	1	0
0	0	1	0	0	0	1
0	0	1	0	0	1	0
0	0	1	1	1	0	0
0	0	1	1	1	1	0
1	0	0	0	0	0	1
1	0	0	0	0	1	1
1	0	0	1	1	0	1
1	0	0	1	1	1	0
1	1	1	0	0	0	1
1	1	1	0	0	1	1
1	1	1	1	1	0	1
1	1	1	1	1	1	1

FIG. 7b

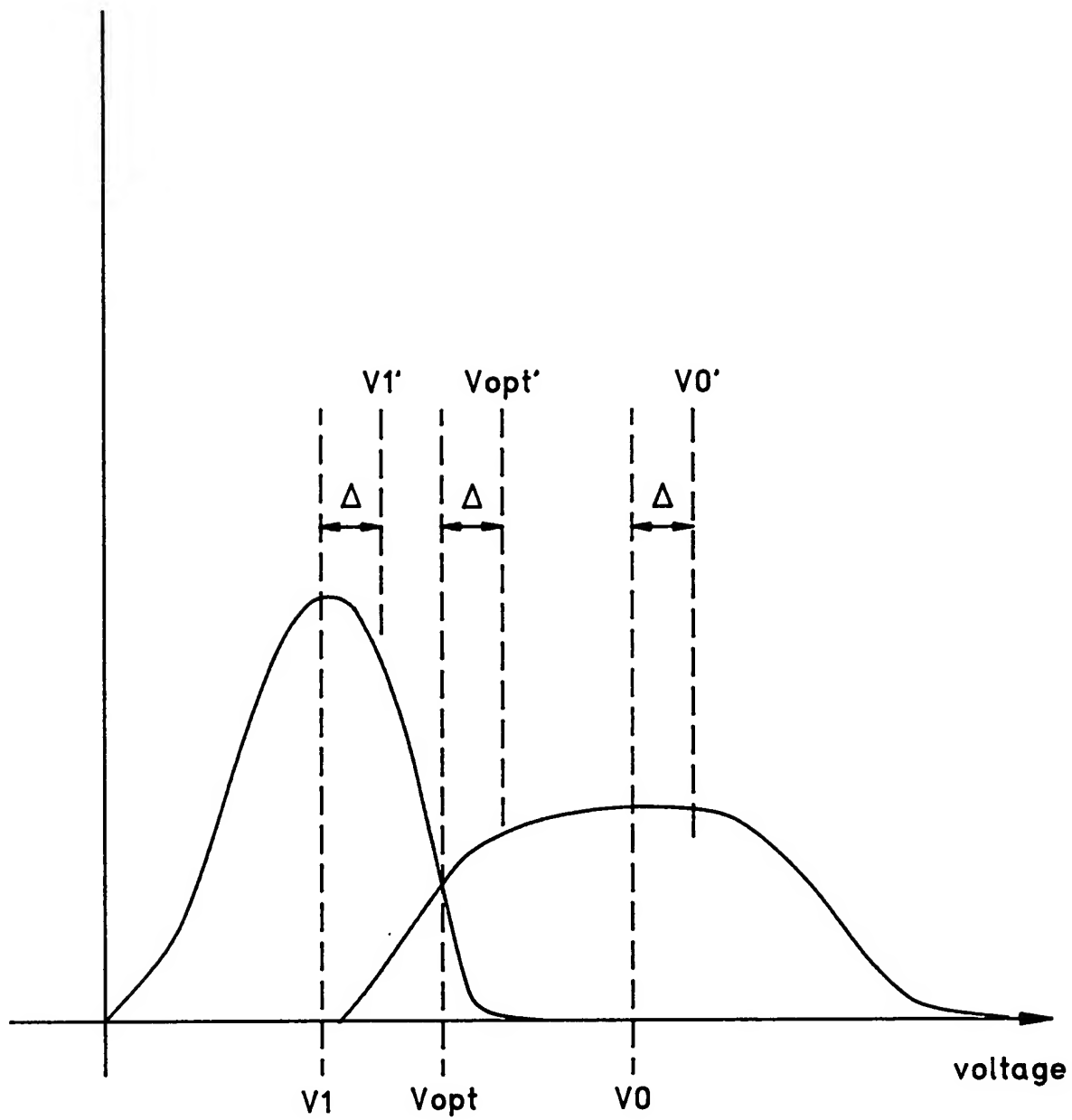
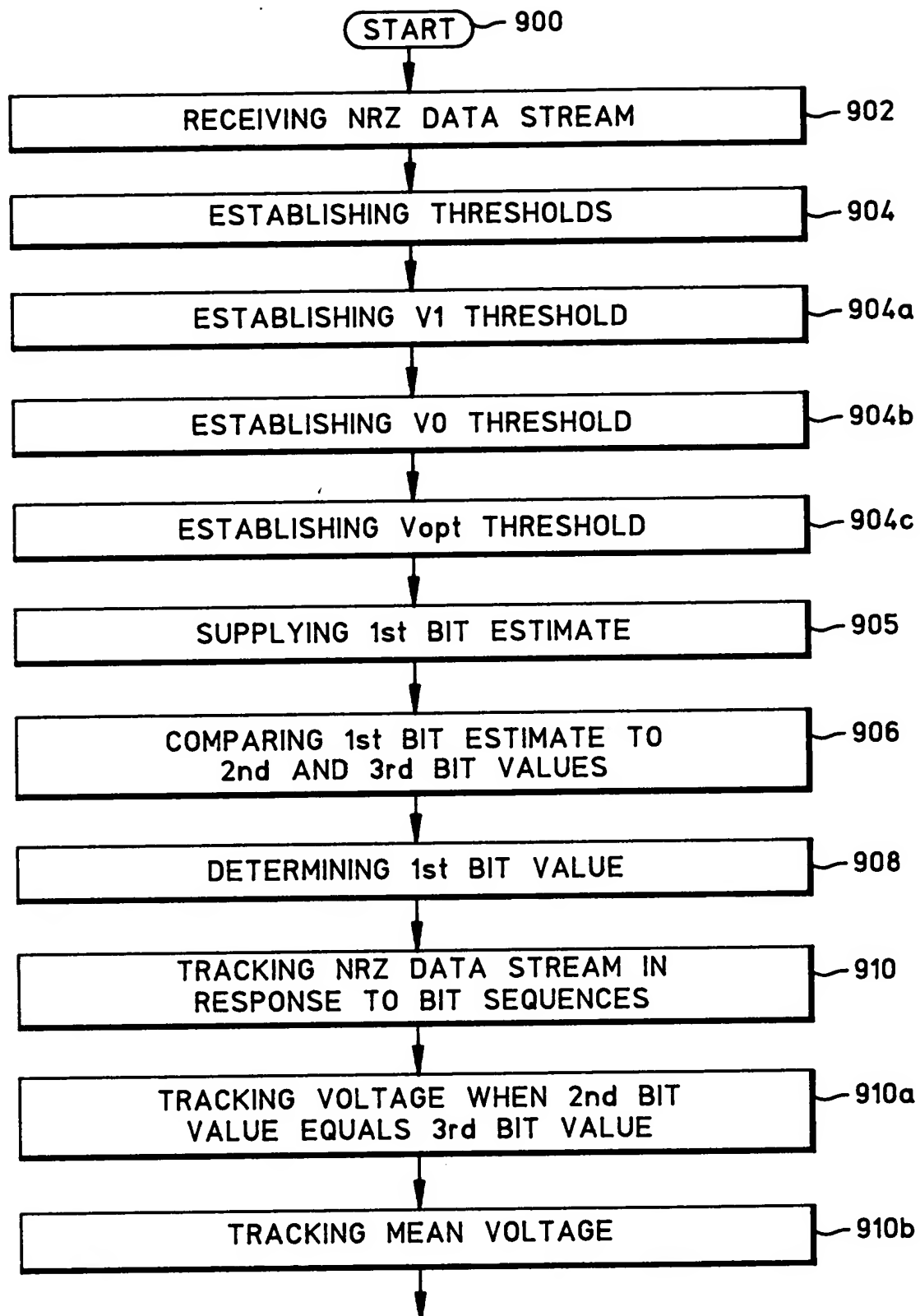


FIG. 8



To Fig. 9b

FIG. 9a

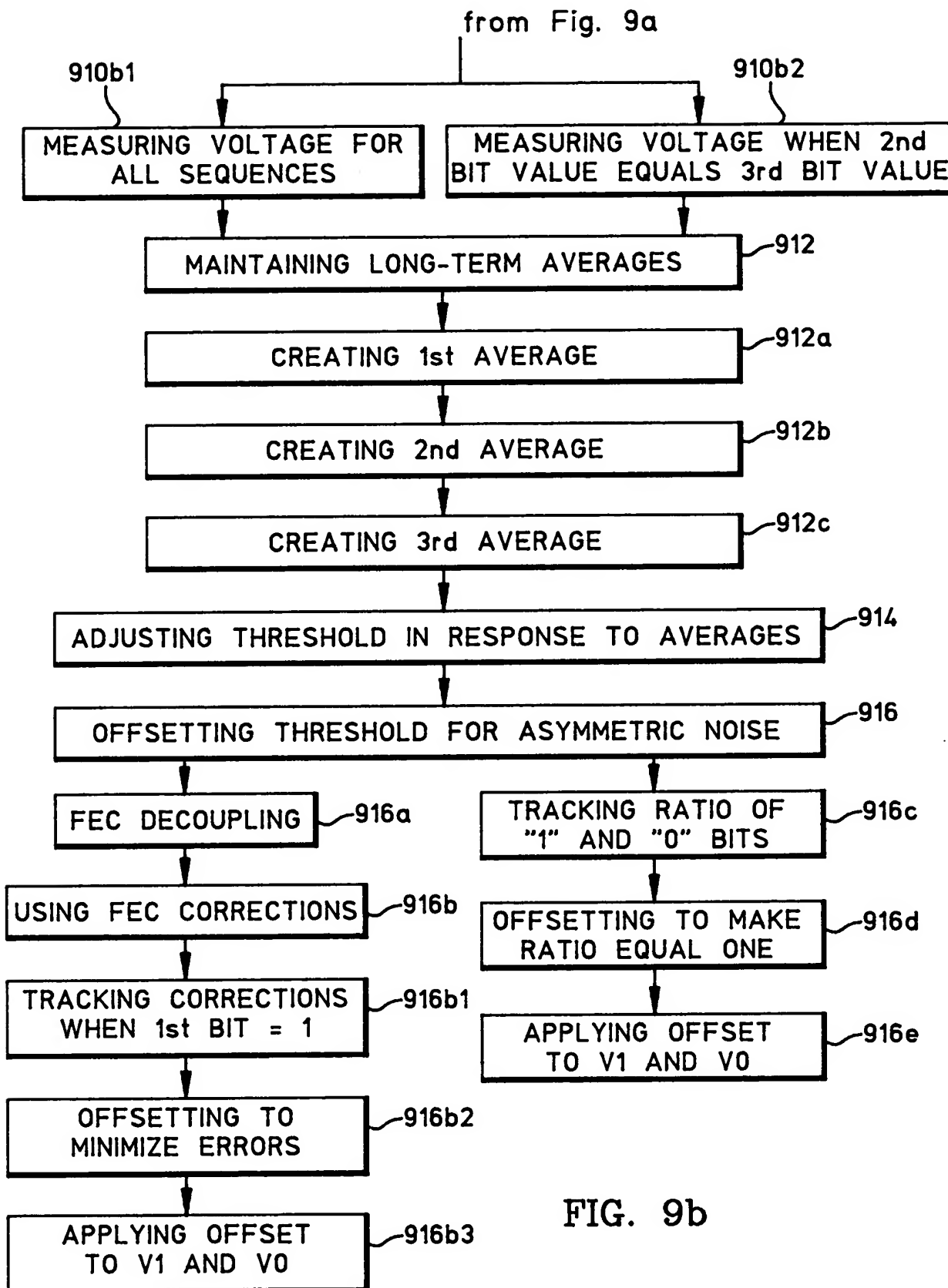


FIG. 9b